(3)

BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Detailed Estimate for Operation and Maintenance of Street lights in Parks coming under Ward Nos.03 and 04. Package 'Y-12'

Budget Head ..... D0300 .....

Division No..... Estimate No. Est/16/15-16 For Rs. 23-77 lakhs

Sl. No.	Description of Work	Qty.	Rate / Pole / Month	Per	Amount per Month	Amount for 12 Month
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starter, Drawing of suitable capacity double insulated wire along with messenger wire in place of damaged LTUG cable of street lighting system and Painting of street light & park MS tubular Poles and footing, Pole numbering ,switching ON/OFF of street lights at specified timing and Preparing data bank of street lights, TC wise & Circuit Wise Master register for each ward, removing of buntings Posters, threads, banners from the street light poles and carrying out routine maintenance, cleaning of perfex covers, pruning of trees around fittings periodically, furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below					
	ii) Poles with 11/18/36 watts CFL lamps lamps complete with luminaries, lamps, control gear and all accessories	203	42.02	Per / Month	8530.06	102360.72
	ii) Poles with 125W HPMV lamps complete with luminaries, lamps, control gear and all accessories	250	51.14	Per / Month	12785.00	153420.00
	iii) Poles with 70/150 W HPMH lamps complete with luminaries, lamps, control gear and all accessories	1106	85.42	Per / Month	94474.52	1133694.24
	vi) Supply & Replacing of 400 watts HPMH light accessories complete with chokes,igniter, lamps, control gear,control ropes,internal mast cable,etc complete for High mast lighting system.	318	111.7	Per / Month	35520.60	426247.20
2	Operation and maintenance of Manual and Automatic Timer Switching circuits including replacement of electrical gadgets, such as MCB's Contactors, Timer, Cut-outs, wiring connector and M.S Box with proper insulation etc., complete.	54	259.62	Per / Month	14019.48	168233.76

(2)

Sl. No.	Description of Work	Qty.	Rate / Pole / Month	Per	Amount per Month	Amount for 12 Month
3	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/looting of the pole.a) Upto 5 Mtr street light pole KPWD S.R. 2010-11 P No-55, I.No-63	1106	260.00	no	287560.00	287560.00
	c) 8 Mtr and above street light pole	200	525.00	no	105000.00	105000.00
	Missalaneous					484.08
	Total				557889.66	2377000.00

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on the rates of KPWD ele SR 2010-11 and Rates approved by Works Committee order No. 368/2013-14 dated 23.05.2014

Asst. Engineer (Elec)

T/c Ass.Exe.Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
YELAHANKA ZONE
BRUHAT BANGALORE MAHANAGARA PALIKE

Technical Sanction
Accorded For 23.77 lakh Rs
Head of A/C P0300
CER NO : 74 **Dt:** 07.10.15

TA CE (YNK)

Administrative Approval
Accorded For 23.77 lakh Rs
Head of A/C P0300
CER NO : 36 **Dt:** 07.10.15

TA CE (YNK)